

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 62-126556

(43)Date of publication of application : 08.06.1987

(51)Int.Cl.

H01M 4/50

(21)Application number : 60-266208

(71)Applicant : TOSHIBA BATTERY CO LTD

(22)Date of filing : 28.11.1985

(72)Inventor : IDE MASAO

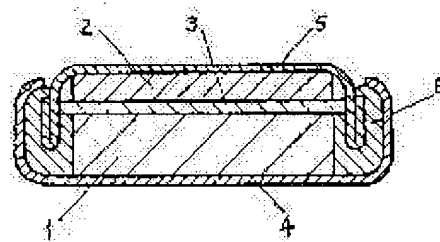
(54) MANUFACTURE OF NONAQUEOUS SOLVENT BATTERY

(57)Abstract:

PURPOSE: To increase performance after storage by immersing manganese dioxide in aqueous solution whose lithium ion concentration is specified, drying, and using as positive active material.

CONSTITUTION: Manganese dioxide is immersed in an aqueous solution whose lithium ion concentration is 0.05 ~0.2mol/l, and dried to remove moisture, and a positive electrode 1 is prepared by using the manganese dioxide as positive active material. The positive electrode 1 is combined with a negative electrode such as lithium and a separator to form a nonaqueous solvent battery. By immersing manganese dioxide in a solution whose lithium ion concentration is specified, the solution penetrates into the inside of manganese dioxide.

Therefore, insufficient immersion caused by defloculation on the surface of manganese dioxide particle is eliminated, the storage life and discharge performance of nonaqueous solvent battery are increased.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]